



Job Title: Design Technician
Reports To: Area Manager as assigned
Location: Regional Office as Assigned
Current Locations: TX: Austin, Dallas, Houston; FL: Destin; CO: Denver; AZ: Phoenix;

BASIC FUNCTION

This position will assist in the *design of renewable energy and energy efficiency* installation projects for residential homes, commercial buildings, non-profit and public works projects. The Designer is responsible for activities including technical sales support, engineering design packages, determining bills of material, and technical coordination with the project management and installation team. Additional responsibilities may include sourcing special equipment, assisting with project costing, complying with building codes, and understanding safety requirements and quality standards.

RESPONSIBILITIES

- Supports sales efforts with technical scope of potential projects.
- May assist with site surveys and preliminary design.
- Performs architectural drawings and renderings for sales proposals.
- Creates drawings for the engineering design package for projects, including structural, electrical, ducting, plumbing, and shop drawings.
- Maintains knowledge of specifications and instructions on equipment used in renewable energy and HVAC projects.
- Maintains knowledge of the National Electrical Code, the International Building Code, and other codes and standards as they relate to renewable energy projects.

QUALIFICATIONS

This position requires:

- Fluent in MS Office software: Word, Excel, Power Point
- Experience with drafting/rendering software, such as SketchUp, Visio, Concept Draw or similar
- Experience with building materials and construction methods
- Training in design graphics and technical drawings preferred
- High ethical standards
- Enthusiasm for the field of renewable energy and energy efficiency.

WORK ENVIRONMENT

The Designer will spend most of the time in an office environment, with some visits to construction sites for project evaluation. The noise level in this work environment is usually moderate. Employee will be exposed to an outdoor environment and construction site conditions. Typical construction hazards may be encountered on the job.

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.